

### **REMARKS/ARGUMENTS**

In this response, the Applicant has not made any amendments. Therefore, the Applicant believes no additional fees are necessary. However, if the Applicant has overlooked any fees, please charge any additional fees required by this paper or credit any overpayment to Deposit Account No. 15-0450.

The Applicant gratefully acknowledges the Examiner's determination that claims 1-5 and 11-16 are allowable.

### **Claim Rejections under 35 U.S.C. § 103**

The Examiner has rejected claims 6-9 as being unpatentable over Hung (Victor) in view of Hung (Michael). The Examiner has stated that Hung (Michael) discloses:

“the operation of a two stage jack using hydraulics to perform a rapid rise/low pressure condition followed by a slow rise/high pressure condition. During the rapid rise/low pressure condition a relief valve 21 facilitates oil to move from the reservoir to the hydraulic cylinder.”

The Applicant respectfully disagrees with the Examiner's conclusion. Hung (Michael) does not disclose what the Examiner states. Instead, Hung (Michael) discloses a relief valve that provides pressure relief so “the fluid of larger piston chamber 20 can flow through relief passage ‘G’ ... back to the main passage ‘A’” when encountering a slow rise/high pressure condition. The ‘798 patent, col. 2, ll. 56-66. In other words, oil is diverted from the pump outlet (the passage leading to the hydraulic cylinder) to the pump inlet (the passage leading from the reservoir to the hydraulic pump). The purpose of this is to provide the necessary hydraulic advantage or leverage by allowing the high pressure (or small) piston to work alone during loaded lifting. This is contrary to the oil vacuum relief claimed in the present invention. The purpose of this is to free the hydraulic piston, or, in other words, counteract the vacuum created behind the hydraulic cylinder piston and allow the piston to extend during rapid rise/low pressure (no load) conditions. Otherwise, the vacuum would resist any attempt to extend the hydraulic piston as the

mechanical actuator attempts to raise the lift arm under rapid rise/low pressure conditions. The present invention also includes an over-pressure relief valve (50), which operates similarly to the relief valve disclosed by Hung (Michael) and exists in addition to the oil vacuum relief valve (60). For these reasons, the Applicant believes claims 6-9 are allowable, and respectfully requests the Examiner to withdraw the rejection.

The Examiner has rejected claim 10 as being unpatentable over Hung in view of Hung supra and further in view of Wixey ('909). In light of the foregoing, the Applicant believed claim 10 is allowable, and respectfully requests the Examiner to withdraw the rejection.

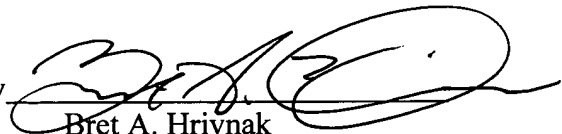
### **Conclusion**

In view of the foregoing amendments and arguments, the applicant submits that all objections have been overcome and that all claims are now in a condition for allowance. Therefore the applicant requests early and favorable disposition of this application.

Respectfully submitted,

HAHN LOESER & PARKS, LLP

By



Bret A. Hrivnak  
Reg. No. 54,714

One GoJo Plaza, Suite 300  
Akron, OH 44311-1076  
Tel.: (330) 864-5550